

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/695,253	10/25/2000	Hang-woo Lee	030681-248	2631	
21839	7590 07/29/2003				
	ANE SWECKER & MA	EXAMINER			
	CE BOX 1404 RIA, VA 22313-1404		SANTIAGO,	ΓIAGO, MARICELI	
			ART UNIT	PAPER NUMBER	
			· 2879		
			DATE MAILED: 07/29/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action G8/696,263		Applicati n N .	Applicant(s)			
Examin r	Advisory Action	09/695,253	LEE ET AL.			
THE REPLY FILED 11 June 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed following or dependent which places the application in condition for allowance; (2) a timely filed of Micros of Appeal (ev); or (3) a timely filed Allowance (2) as timely filed of Micros of Appeal (ev); or (3) a timely filed Allowance (2) as timely filed Micros of Appeal (ev); or (3) a timely filed Allowance (2) as timely filed Allowance; (2) as the station period to reply expires 3 months from the mailing date of the final rejection. The period for reply expires 3 months from the mailing date of the final rejection. The period for reply expires on: (1) the mailing date of the final rejection, on event however, with the statutory period or reply expires than SIX MONTHS from the mailing date of the final rejection. ONLY OFECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MFEP TOWN of the major has been deply as between date of the final rejection and the coresponding amount of the final rejection. When the final rejection is the date for purposes of determining the seriod of extension and the coresponding amount of the final rejection. When the final rejection is the date for purposes of determining the seriod of extension and the coresponding amount of the final rejection. See affect of the final rejection of the final rejection. 2) A policiant's reply the see was filed on	nance, y neach	Examin r	Art Unit			
THE REPLY FILED 11 June 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. PERIOD FOR REPLY [check either a) or b)] a) The period for reply expires 3 months from the mailing date of the Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In on event, however, will the statutory period for reply expires the thin a certain the period for reply expires sor. (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In one event, however, will the statutory period for reply expires the thin a certain the period for reply expires of the final rejection. ONLY OFICKCY THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONITHS OF THE FINAL REJECTION. See MPEP 706.07(1). Extraction of the final rejection of the reply expires the statutory period for reply expiration attention the under 37 CFR 1.136(a) and the appropriate detention the whole the petition under 37 CFR 1.136(a) and the appropriate detention the under 37 CFR 1.137(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or 2) as set forth in 0 above, if checked. Any reply received by the Office later than three menths after the mailing date of the final rejection, even if immely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b), to avoid dismissal of the appeal. 1. A Notice of Appeal was filed on		Mariceli Santiago	2879			
Therefore, further action by the applicant is required to avoid abandoment of this application. A proper reply to a final rejection under 37 CFR 1.113 may applice either: (1) at timely filed amendment which places the application in incondition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. PERIOD FOR REPLY [check either a) or b)] The period for reply expires 2_months from the mailing date of the final rejection. (2) the date set forth in the final rejection, whichever is later. In or event, however, will the statutory period for reply expire stater than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 766.07(f). Endoatons of this may be obtained under 37 CFR 1.136(s). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension the name of the size of the date for purposes of destending be period of extension and the corresponding amount of the fee. The appropriate extension ce under 37 CFR 1.176(b) as set of the in (3) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if immely filed, may reduce any earned patent term adjustment. See 37 CFR 1.1704(b), to avoid dismissal of the final rejection, even if immely filed, may reduce any earned patent term adjustment. See 37 CFR 1.191(d)), to avoid dismissal of the appeal. 2. Imperposed amendment(s) will not be entered because: (a) they raise new issues that would require further consideration and/or search (see NOTE below); (b) they raise new issues that would require further consideration and/or search (see NOTE below); (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) they present additional claims without cancelling a corresponding number	The MAILING DATE of this communication appe	ears on the cover sheet with the c	correspondenc add	ress		
a) The period for reply expires 3_months from the mailing date of the final rejection. The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In one vent, however, with the statutory period for reply expires teatr than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REFLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP Extensions of time may be obtained under 37 of CPR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension see have been filed to the date for purposes of determining the period of extension and the corresponding amount of the file. The appropriate extension set between the contract of the state of the structure of the filed for the period of extension and the corresponding amount of the filed for the period of the structure of the filed for the filed for the period of the structure of the filed for the filed for the filed for the period of the filed for the filed	Therefore, further action by the applicant is required to averinal rejection under 37 CFR 1.113 may only be either: (1) condition for allowance; (2) a timely filed Notice of Appea	oid abandonment of this application application (ation. A proper reply high places the applica	y to a ition in		
to period for reply expires on: (1) the mailing date of this Advisory Action. or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REFLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 705.07(f). **Extransions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension see under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or 2 as set forth in (b) above, it foreked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if interly field, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). 1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.1914(d)), to avoid dismissal of the appeal. 2. The proposed amendment(s) will not be entered because: (a) ★ they raise new issues that would require further consideration and/or search (see NOTE below); (b) ★ they raise the issue of new matter (see Note below); (c) ★ they raise the issue of new matter (see Note below); (d) ★ they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: See Continuation Sheet. 3. Applicant's reply has overcome the following rejection(s): 1. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s) would be allowable if submitted on the period of how the new or amended claims would be rejected is provided below or appended. The status of the	PERIOD FOR RE	EPLY [check either a) or b)]				
37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal. 2. ☑ The proposed amendment(s) will not be entered because: (a) ☑ they raise new issues that would require further consideration and/or search (see NOTE below); (b) ☐ they raise the issue of new matter (see Note below); (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: See Continuation Sheet. 3. ☑ Applicant's reply has overcome the following rejection(s): 4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. ☐ The al☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: 6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) withdrawn from consideration: 8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the/Examiner. 9. ☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire I ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The ee have been filed is the date for purposes of determining the period of the under 37 CFR 1.17(a) is calculated from: (1) the expiration date of (2) as set forth in (b) above, if checked. Any reply received by the Office	Advisory Action, or (2) the date set forth ater than SIX MONTHS from the mailing is FILED WITHIN TWO MONTHS OF The date on which the petition under 37 CF of extension and the corresponding amount the shortened statutory period for reply the later than three months after the mail	g date of the final rejecting FINAL REJECTION. R 1.136(a) and the approper the final	on. See MPEP opriate extension opriate extension Office action: or		
(a) ☑ they raise new issues that would require further consideration and/or search (see NOTE below); (b) ☐ they raise the issue of new matter (see Note below); (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: See Continuation Sheet. 3.☑ Applicant's reply has overcome the following rejection(s): 4.☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5.☐ The a)☐ affidavit, b)☐ exhibit, or c)☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: 6.☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7.☐ For purposes of Appeal, the proposed amendment(s) a)☐ will not be entered or b)☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) withdrawn from consideration: 8.☐ The proposed drawing correction filed on is a)☐ approved or b)☐ disapproved by the Examiner. 9.☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.					
(b) ☐ they raise the issue of new matter (see Note below); (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: See Continuation Sheet. 3. ☑ Applicant's reply has overcome the following rejection(s): 4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: 6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) withdrawn from consideration: 8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner. 9. ☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	The proposed amendment(s) will not be entered be	ecause:				
(c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: See Continuation Sheet. 3. ☑ Applicant's reply has overcome the following rejection(s): 4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: 6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: 8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner. 9. ☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	(a) Ithey raise new issues that would require further	er consideration and/or search (s	see NOTE below);			
issues for appeal; and/or (d)	(b) they raise the issue of new matter (see Note b	pelow);				
NOTE: See Continuation Sheet. 3. Applicant's reply has overcome the following rejection(s): 4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: 6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: 8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)		n better form for appeal by mate	rially reducing or sir	nplifying the		
Applicant's reply has overcome the following rejection(s): 4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: 6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) withdrawn from consideration: 8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	(d) they present additional claims without canceli	ng a corresponding number of fi	nally rejected claim	s.		
A. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	NOTE: See Continuation Sheet.					
canceling the non-allowable claim(s). 5.	3. Applicant's reply has overcome the following reject	ion(s):				
application in condition for allowance because: 6.	4. Newly proposed or amended claim(s) would canceling the non-allowable claim(s).	be allowable if submitted in a se	eparate, timely filed	amendment		
raised by the Examiner in the final rejection. 7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: 8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for application in condition for allowance because:	reconsideration has been consi	dered but does NO	Γ place the		
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: 8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)		ause it is not directed SOLELY to	o issues which were	newly		
Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: 8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	 For purposes of Appeal, the proposed amendment explanation of how the new or amended claims wo 	(s) a)⊡ will not be entered or b) ould be rejected is provided belo	☐ will be entered a w or appended.	nd an		
Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration: 8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	The status of the claim(s) is (or will be) as follows:					
9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	Claim(s) objected to: Claim(s) rejected:					
10. ☐ Other:	8. The proposed drawing correction filed on is	a)☐ approved or b)☐ disapp	roved by the/Exami	ner.		
PRIMARY		nt(s)(PTO-1449) Paper No(s)		是 L LMINER		
	ر ار ار ار ا		PRIMARY			

J. 127

Application N . 09/695,253

Continuation of 2. NOTE: The limitation on claims 1-3 of "and upon selective biasing acts to extract electrons away from impinging on the phosphor formed on the anode" raises new issues wich requires further consideration and/or search.